

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	15011523	707/3, "5", "104""."1".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 11:42
L2	0	"668721".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 11:58
L3	17003	(refinement refin\$6) and (search\$3 quer\$3) and (vector\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 11:58
L4	450	3 and ((multiply\$3 multiplication) WITH (constant consistent steady))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:26
L5	3	3 and (((multiply\$3 multiplication) WITH (constant consistent steady)) SAME (vector) SAME (independen\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 12:57
L6	3	(query WITH cluster\$3) and (web near6 data near6 mining) and (user near6 log) and (search near3 engine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON }	2007/10/11 13:16
L7	4	(refinement with cluster) and (centroid) and ("term vector") and (relevance near6 score) and (search)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:18
L8	4	(refinement same cluster) and (centroid) and ("term vector") and (relevance near6 score) and (search)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:19

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L9	15	(refinement same cluster) and (centroid) and ("term vector") and score	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:20
L10	15	1 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:19
L11	24	((refin\$3 OR augment\$3 OR augmentation OR refinement) same cluster) and (centroid) and ("term vector") and score	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:21
L12	24	1 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:21
L13	15	((refin\$3 OR augment\$3 OR augmentation OR refinement) same cluster) and (centroid) and ("term vector") and score and (relevance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:26
L14	0	3 and ((multiply\$3 multiplication) WITH (constant consistent steady)) and (normaliz\$6 same (vector) same (search) same (weight))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:27
L15	0	((multiply\$3 multiplication) WITH (constant consistent steady)) and (normaliz\$6 same (vector) same (search) same (weight))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:27
L16	95	((multiply\$3 multiplication) WITH (constant consistent steady)) and (normaliz\$6 same (vector)) and (search) and (weight)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:28

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L17	22	((multiply\$3 multiplication) SAME (constant consistent steady) same (normaliz\$6 with (vector))) and (search) and (weight)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:28
L18	22	1 and 17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:29
L19	1363131	((down lower smaller) near5 weight) or downwardly	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:30
L20	171643	((down lower smaller downwardly) near3 weight)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:35
L21	157651	1 and 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:30
L22	172	((down lower smaller downwardly) near3 weight) and ((refinement refin\$4 augment\$3 augmentation) with (search quer\$3 sort\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:36
L23	13	((down lower smaller downwardly) near3 weight) and ((refinement refin\$4 augment\$3 augmentation) with (search quer\$3 sort\$3)) and "term vector"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:37
L24	4	((down lower smaller downwardly) near3 weight) and ((refinement refin\$4 augment\$3 augmentation) with (search quer\$3 sort\$3)) and (centroid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/11 13:37

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centroid and search refinement and weight

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The "AND" operator is unnecessary -- we include search refinement by default.

**Web** Results 1 - 10 of about 72,600 for **centroid and search refinement and weight**. (0.22 seconds)

**[PDF] Automatic Star-Catalog Matching for Position Refinement**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

•Compute **centroid** position of input sources. •Feed to **search** engines: **centroid** position, ... ACT stars are assigned confidence **weight** = 1000 ...  
spider.ipac.caltech.edu/staff/lahe/wire/starsrch3.pdf - [Similar pages](#)

**A Look at Google Midpage Query Refinements -SEO by the SEA**

A **weight** is assigned to the logical pairing. The **search** query is issued and .... The **centroids** are computed from each of the potential **refinement** clusters. ...  
www.seobythesea.com/?p=174 - 62k - [Cached](#) - [Similar pages](#)

**[PDF] LNCS 1614 - Similarity Search Using Multiple Examples in MARS**

work, we proposed a query **refinement** mechanism in which a query rep- .... **Centroid** Expansion **Search** (CES): The idea is to iteratively retrieve next ...  
www.springerlink.com/index/fhb2ad0f7kfya61t.pdf - [Similar pages](#)

**[PDF] Modified complex method for constrained design and optimization of ...**  
times a proper choice of **weight** factor and tolerance factors ... **refinement**. The progress of various points of the complex like. **centroid**, ...  
www.springerlink.com/index/TM81071140426N37.pdf - [Similar pages](#)  
[ [More results from www.springerlink.com](#) ]

**[PDF] Query Model-Based Content-Based Image Retrieval:**

iterative **refinement** to improve results. In order to improve the .... Otherwise, the **centroid** of the. cluster is utilized as the **search** image and the ...  
portal.acm.org/ft\_gateway.cfm?id=376499&type=pdf&dl=GUIDE&dl=ACM - [Similar pages](#)

**[PDF] Refinement of TF-IDF Schemes for Web Pages using their Hyperlinked ...**  
generation **search** engines. However, these algorithms have short- comings in that (1) the **weight** for a Web page is merely defined; ...  
portal.acm.org/ft\_gateway.cfm?id=900096&type=pdf&coll=GUIDE&dl=ACM - [Similar pages](#)

**[PDF] Temperament-based information filtering: a human factors approach ...**

design for classification, filtering, and feedback **refinement**. .... that a higher **centroid** temperament **weight** indicates the ...  
ieeexplore.ieee.org/iel5/6974/18880/00871514.pdf?arnumber=871514 - [Similar pages](#)

**[PDF] Relevance feedback for shape query refinement - Image Processing ...**  
is the **centroid** of the relevant set. Therefore., its features can be very well estimated ....  
The goal of the **weight** adaptation is to increase the capa- ...  
ieeexplore.ieee.org/iel5/8824/27937/01247069.pdf - [Similar pages](#)

**[PDF] Weight adjustment schemes for a centroid based classifier**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

A widely used **refinement** to this model is to **weight** each term based on its inverse .....  
Genetic Algorithms in **Search**, Optimizations and Machine Learning. ...  
glaros.dtc.umn.edu/gkhome/fetch/papers/fvwaKDDTMW00.pdf - [Similar pages](#)

### Google's Query Refinements

Each cluster has a calculated cluster **centroid**. **Search** queries associated ... The best suggested query **refinement** contains the highest number **search** query ...  
[www.selfseo.com/story-18464.php](http://www.selfseo.com/story-18464.php) - 20k - [Cached](#) - [Similar pages](#)

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compute centroid and score for each query

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The "AND" operator is unnecessary -- we include all search terms as default filters

**Web** Results 1 - 10 of about 70,200 for **compute centroid and score for each query**. (0.13 seconds)

### System and method for providing search query refinements - Patent ...

A method according to claim 14, further comprising: **computing a centroid** as a ... and **computing a score for each** stored **query** relative to the **centroid**. ...

www.freepatentsonline.com/20050055341.html - 81k - [Cached](#) - [Similar pages](#)

### Information Processing & Management : A reliable FAQ retrieval ...

Based on the classification results, the **query** log clustering system groups the **query** logs and computes **centroids** of **each query** log cluster. ...

linkinghub.elsevier.com/retrieve/pii/S0306457306001142 - [Similar pages](#)

### [PPT] Meta-searching: fast and accurate clustering of web snippets with ...

File Format: Microsoft Powerpoint - [View as HTML](#)

FPF does not **compute "centroids"**. We slightly modify FPF by using the triangular inequality ... **Each query** evaluated twice. Total 1584 cluster evaluations. ...

www.iit.cnr.it/anaw/ANAW\_files/download.php?filename=slides/pellegrini.ppt - [Similar pages](#)

### [Paper] Efficient BSP/CGM Algorithms for Text Retrieval

For **each centroid** (cluster)  $C_i$  in  $C$ , use the document vectors of its documents to ... documents according to their similarity **scores** with the **query**  $Q_i$ . ...

www.actapress.com/PDFViewer.aspx?paperId=22317 - [Similar pages](#)

### [Paper] A New Integrated Method for Shape based Image Retrieval

The global and local similarity **scores for each query** and candidate .... The origin of the log-polar coordinates is the **centroid** of the normalized shape. ...

www.actapress.com/PDFViewer.aspx?paperId=18778 - [Similar pages](#)

### [PPT] CS347

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Given training docs for a topic, **compute their centroid**; Now have a **centroid for each** topic; Given **query** doc, assign to topic whose **centroid** is nearest. ...

infolab.stanford.edu/cs347.2001.spring/handouts/lecture10.ppt - [Similar pages](#)

### Untitled Document

Lastly, the original target sequence is shuffled 20 times **each** by a random number generator to **compute** 50 alignment **scores** to the original **centroid** sequence ...

education.sdsc.edu/download/2003/Reports/8.html - 7k - [Cached](#) - [Similar pages](#)

### [PDF] TRADEMARK RETRIEVAL USING QUERY BY SKETCH

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between two sketches, both the matching **score** between **each** ... the sketch and used to **compute** the similarity between the **query**. and the database trademarks. ...

amp.ece.cmu.edu/Publication/Howard/icme2002\_howard.pdf - [Similar pages](#)

### [PDF] Query Focus Guided Sentence Selection Strategy for DUC 2006

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of user's requirement. The **query** term based sali-. ence value of **each** sentence is then calculated as. we **compute** the **centroid** based value, where an ...

duc.nist.gov/pubs/2006papers/HKPolyU-DUC2006.final.pdf - [Similar pages](#)

[PDF] [LNCS 3268 - Query Recommendation Using Query Logs in Search Engines](#)

Then we **compute** a rank **score for each query** in the cluster. ... total sum of the similarities between the vectors and the **centroids** of the cluster that ...  
[www.springerlink.com/index/XRXLKHX07H376DVD.pdf](http://www.springerlink.com/index/XRXLKHX07H376DVD.pdf) - [Similar pages](#)

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Web

Results 1 - 10 of about 762,000 for **multiplying a frequency of search query**. (0.24 seconds)**Search engine optimization and web site promotion tutorial**

Later, when a user enters a **search query** at the **search** engine's Web site, .... Keyword density is derived by dividing the **frequency** of that word by the ...  
[www.netmechanic.com/products/SE-Tutorial.shtml](http://www.netmechanic.com/products/SE-Tutorial.shtml) - 40k - [Cached](#) - [Similar pages](#)

**Thinking search engines invention**

(b) Very common words whose **frequency** of occurrence in the Label Table is .... (e) When there is not enough experience data for the **search query** from the ...  
[www.freshpatents.com/Thinking-search-engines-dt20070920ptan20070219980.php?type=claims](http://www.freshpatents.com/Thinking-search-engines-dt20070920ptan20070219980.php?type=claims) - 30k - [Cached](#) - [Similar pages](#)

**Content matching invention**

The inverse document **frequency** transform achieves this by **multiplying** the .... receiving a **search query** from a user and generating **search** results based on ...  
[www.freshpatents.com/Content-matching-dt20070607ptan20070130123.php?type=description](http://www.freshpatents.com/Content-matching-dt20070607ptan20070130123.php?type=description) - 66k - [Cached](#) - [Similar pages](#)

**Method and system for calculating term-document importance - US ...**

Method of clustering electronic documents in response to a **search query** ... normalizes the term **frequency** by dividing the term **frequency** by a function, ...  
[www.patentstorm.us/patents/6473753.html](http://www.patentstorm.us/patents/6473753.html) - 19k - [Cached](#) - [Similar pages](#)

**RLESearch - Probabilistic record linking engine**

call the RLESearch::**search** method with a **query** string, .... NED::RegSearch Registration  
**Search** using RLESearch NED::AbsFreqTbl Absolute **frequency** tables for ...  
[nedinfo.nih.gov/docs/RLESearch.htm](http://nedinfo.nih.gov/docs/RLESearch.htm) - 35k - [Cached](#) - [Similar pages](#)

**Microsoft Commerce Server 2002 Performance Analysis and TCA for ...**

Microsoft **Search\ Query** Rate, The number of queries posted to the server .... To calculate the per user cost of each operation, **multiply** the **frequency** of an ...  
[technet.microsoft.com/en-us/commerceserver/bb608745.aspx](http://technet.microsoft.com/en-us/commerceserver/bb608745.aspx) - 56k - [Cached](#) - [Similar pages](#)

**[doc] NORMS FOR THE EDITION OF THE PRIP'2003 CONFERENCE PROCEEDINGS**

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This article describes a method of prior art document **search** based on semantic similarities of a user **query** and indexed documents. ...  
[www.lucky-one.com/al/prior\\_art.doc](http://www.lucky-one.com/al/prior_art.doc) - [Similar pages](#)

**[PDF] QUERY-BASED DISCOVERING OF POPULAR CHANGES IN WWW**

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**frequency**. 3.1 Web Collection. We collect WWW pages relevant to user's interest by issuing **query** to **search** engine. First, base set of ...  
[www.miv.t.u-tokyo.ac.jp/papers/jatowt-IADIS2003.pdf](http://www.miv.t.u-tokyo.ac.jp/papers/jatowt-IADIS2003.pdf) - [Similar pages](#)

**[PDF] LNCS 3816 - An Effective Searching Method Using the Example-Based ...**

is defined by dividing the **frequency** of each word by the maximum ..... corresponds with a **query** site which users want to **search** must also be checked. The ...  
[www.springerlink.com/index/y2n717295217841n.pdf](http://www.springerlink.com/index/y2n717295217841n.pdf) - [Similar pages](#)



**Graphical Vegetation Database Browser - Percent Frequency Query Page**

Percent **frequency** is a measure of how often a species is encountered. ... a species occurs by the total number of sites sampled and **multiplying** by 100. ...

[www.umesc.usgs.gov/data\\_library/vegetation/graphical/percent\\_frequency\\_query.shtml](http://www.umesc.usgs.gov/data_library/vegetation/graphical/percent_frequency_query.shtml) - 20k - [Cached](#) - [Similar pages](#)

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